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Meulink

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(54) **SYSTEM FOR SELECTING MODULAR
IMPLANT COMPONENTS**

(71) Applicant: **Zimmer, Inc.**, Warsaw, IN (US)

(72) Inventor: **Steven L. Meulink**, Warsaw, IN (US)

(73) Assignee: **Zimmer, Inc.**, Warsaw, IN (US)

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 1029 days.

This patent is subject to a terminal disclaimer.

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(58) **Field of Classification Search**
CPC A61B 19/026; A61B 19/0271; A61B

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Primary Examiner — Amanda Lauritzen Moher

(74) *Attorney, Agent, or Firm* — Schwegman Lundberg & Woessner, P.A.

(57) **ABSTRACT**

A method for selecting modular neck components for hip implants based on independent variables associated with physical characteristics of the implant, including leg length, offset, and anteversion. During surgery, the surgeon may be confronted with a need to change a preoperatively-chosen modular neck. For example, the surgeon may desire a change in at least one of the variables, e.g., leg length, offset, and/or anteversion. The present method allows the surgeon to quickly and easily select a different modular neck based on an evaluation of one of the variables without requiring reevaluation of the other variables. The method may include preoperative planning in which a template including a grid coordinate system is used.

23 Claims, 8 Drawing Sheets

